

Rpt. 9

Date of writing report 29-10-57

Received London 29 OCT 1957

Port BELFAST

No. 16392

Survey held at BELFAST

No. of visits 4

First date 7-10-57

Last date 15-10-57

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 03012 Name <sup>S.S.</sup> ~~XXXX~~ "BALLYDENE"  
 Owners JOHN KELLY LTD Managers E.W.P. KING Gross tons 581 Date of build 4-1925  
 Engines made 1925 By J. LEWIS & SONS LTD Type RECIP STEAM ENGINE Port of Registry BELFAST

No. of Main Engines ONE No. of Screws ONE

No. of Main Boilers ONE W.P. 200 lb

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock BOTH

Nature of Survey DOCKING T.S.C.L. B.S. & SPS

Was Damage Report issued? Int. Cert.?

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull		Machinery	
RIDGAI	10-56	BS	10-54
TRM S.S.	10-54	BS	10-56
	9-49	T.S.C.L.	11-9-54
		SPS	9-54

The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

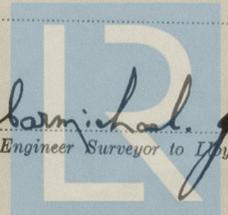
DOCKING Propellers Good Wear Down of Stern Bushes CLOSE FIT Oil Glands - Sea Connections -  
 Fastenings Good Has Screwshaft Tubeshaft been drawn? YES Date of Examination 10-10-57 Has Shaft been changed? NO  
 Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? YES Approved oil gland? NO

MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD

- 1 Cyls., Covers, Pistons & Rods
- 2 Valves & Gears
- 3 Connecting Rods, Top Ends & Guides } Side  
} Centre
- 4 Crankpins & Bearings } Side  
} Centre
- 5 Journals & Bearings
- MAIN ENGINE DRIVEN AIR COMPRESSORS
- 6 Cyls., Covers, Pistons & Rods
- 7 Connecting Rods & Top Ends
- 8 Crankpins & Bearings
- 9 Journals & Bearings
- 10 Coolers & Safety Devices
- MAIN ENGINE DRIVEN SCAVENGE PUMPS
- 11 Cyls., Covers, Pistons & Rods
- 12 Connecting Rods & Top Ends
- 13 Crankpins & Bearings
- 14 Journals & Bearings
- 15 Levers
- SCAVENGE BLOWERS
- SUPERCHARGERS
- MAIN TURBINES
- 16 Casings, Rotors, Blading, Bearings & Thrusts
- EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)
- STEAM COMPRESSORS
- CLUTCHES & HYDRAULIC COUPLINGS
- REDUCTION GEARING
- THRUST BLOCKS, SHAFTS & BEARINGS
- INTERMEDIATE SHAFTS & BEARINGS
- HOLDING DOWN BOLTS & CHOCKS
- CONDENSERS (MAIN & AUX.)
- TEAM RE-HEATERS
- E-SUPERHEATERS
- TOP & MANOEUVRING VALVES
- MAIN ENGINE DRIVEN PUMPS
- CABIN CASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?  
 OPINION OF MACHINERY AND RECOMMENDATIONS *The machinery of this vessel so far as now seen is in a safe working condition, eligible in our opinion to remain as now classed and to have a fresh record of M.B.S. 10-57 T.S.C.L. 10-57 SPS 10-57.*

THURSDAY 14 NOV 1957  
 of Committee  
 ion *See Rept. 8*

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 Engineer Surveyor to Lloyd's Register of Shipping  
 Foundation

Noted for Header

32 Essential Independent Pumps (Identify by position) .....

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls .....

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? .....

35 Fresh Water Coolers ..... 36 Lub. Oil Coolers ..... 37 Heaters (state service) .....

38 Independent Air Compressors, Coolers & Safety Devices .....

39 Air Receivers & Safety devices—Main ..... 40 Auxiliary .....

41 Oil Fuel Tanks (Not forming part of hull structure) .....

42 Evaporators ..... 43 Have Evaporator Safety Valves been tested under steam? .....

44 Steering Machinery ..... 45 Windlass ..... 46 Fire Extinguishing Arrangements .....

AUXILIARY ENGINES (Identify by position) .....

		ELECTRICAL EQUIPMENT	
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a	Generators		l Generators & Governors
b	Exciters		m Motors
c	Air Coolers		n Switchboards & Fittings
d	Motors		o Circuit Breakers
e	Air Coolers		p Cables
f	Control Gear, Cables, etc.		q Insulation Resistance
g	Insulation Resistance		r Steering Gear Generators and Motors
h	Insulating Oil Test		s Navigation Light Indicators
i	Overspeed Governors		
j	Magnetic Couplings		
k	Air Gap		

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN ..... 10-10-57 GOOD ..... AUXILIARY, DONKEY or PRESS .....

Superheaters .....

Safety Valves ..... GOOD .....

Mountings, Doors & Fastenings .....

Safety Valves Adjusted to { Sat. 200 lb GOOD  
Spt. ....

Boiler Securing Arrangements ..... GOOD .....

Main Economisers ..... Exhaust Gas Heated Economisers .....

Steam Heated Steam Generators ..... Steam Generator Safety Valves Adjusted to .....

Were Oil Burning System & Remote Controls examined working in accordance with Rules? ..... Forced Circulating Pumps .....

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? ..... Funnel .....

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main ONE LENGTH 1" COPPER 200 LB ..... Auxiliary (over 3 in. bore) -

Were Copper Pipes annealed? YES ..... Have Saturated Pipes in cylindrical boiler smoke boxes been tested? -

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

Repairs wear & tear ..... stern tube leak mended .....

Boiler ..... Auxiliary feed check valve, new valve fitted.  
Lloyds TEST 500lb 15-10-57 CE  
lubrication on valve  
minor repairs effected.

LEAVE THIS SPACE BLANK

Survey fees BS £ 8-0-0  
TSCL £ 5-0-0  
SPS £ 1-0-0

Damage fee ...  
Expenses ...

Date when A/c rendered 28-10-57